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2020-11-01

# STEM@ Naval Postgraduate School

Naval Postgraduate School, Monterey California

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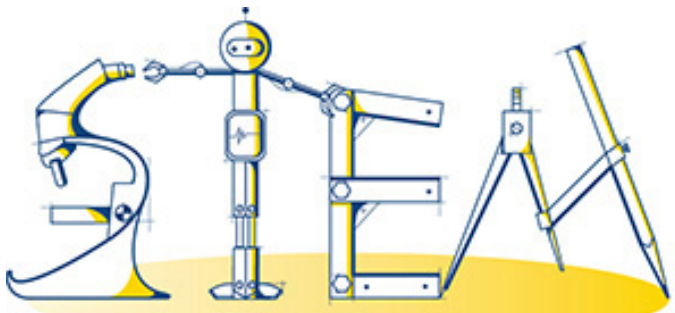
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STEM

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@ NAVAL POSTGRADUATE SCHOOL

Latest NPS STEM News

**Due to the COVID-19 pandemic and the safety of our interns and mentors, the STEM internship programs SEAP, NREIP, 3C and CSUMB REU were cancelled for the summer 2020.**

2020 [SEAP](#) and [NREIP](#) applications were due 31 October 2019 at 3:00 p.m.

[NPS Interns to Use Pirate Eyepatches in Watch Stander Alertness Study](#) - Aug 2019 article

[STEM Interns Making Waves at NPS](#) - 2018 Video

[#MySummeratNPS](#) - Fall 2018 article begins at page 21

["The Rewards of Being a Mentor"](#) by Dr. Edward Rockower. Pg 6.

[2018 A Guide to Education and Workforce Naval STEM](#)

**[Another Successful Summer of Campus for NPS STEM Interns](#)**

[NPS Leadership Welcomes This Summer's STEM Interns to the NPS Campus](#)

[FY17/Qtr 1 Applied Mathematics Associate Professor, Dr. Ralucca Gera, Brings Lessons in Coding to Bay View Academy Elementary School in Monterey.](#)

[2016 Winter Naval STEM Newsletter - The 2015 Year in Review](#) - page 36 - 37

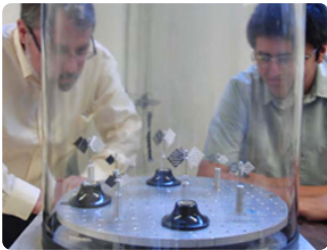
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***"Today, more than ever before, science holds the key to our survival as a planet and our security and prosperity as a nation"***  
**- President Barack Obama**

As the nation's premiere national security research university, the Naval Postgraduate School (NPS) produces highly-qualified graduates in disciplines critical to ensure our country's security and superiority. Resupplying the pipeline of students who will pursue science, technology, engineering and mathematics (STEM) careers has become a legitimate concern for the Department of the Defense. NPS students and faculty have a rich history of reaching outside the gates to engage and inspire local youth interested in STEM, with the hope of nurturing the next generation of engineers, research scientists, mathematicians and computer scientists that will fulfill our nation's promise.

Internships

Researchers provide invaluable exposure to possible naval careers through hands-on learning for veteran, service academy, high school, community college, university and graduate students. Research-based student internships are offered through the Office of Naval Research, the Community College Catalyst program with Hartnell College and other local partnerships.



Faculty Outreach

NPS offers a diverse assortment of special STEM programs. For example NPS resident astronauts; retired Navy Capt. Dan Bursch, Dr. Jim Newman and retired Navy Capt. Steve Frick visit K-12 schools. Last winter, NPS hosted "Discover NPS Day." Over 1500 local students experienced a variety of naval research, including physics experiments, special discussions and lab tours. NPS is a valued partner with local educational institutions and organizations. Interdisciplinary faculty groups participate in local STEM educational efforts including FIRST Robotics Competition, California State University Monterey Bay Camp Sea Life, Monterey County Science and Engineering Fair, and Monterey Peninsula College Marine Advanced Technology Education.



NPS Student Associations

The student-run National Naval Officers Association provides free one-on-one tutoring and mentoring, collaborates with a homeless youth program, and provides student scholarships.

Lt Todd Coursey began a partnership with a local library teaching professionals on CAD software and 3D printing. These professionals are now teaching classes with local students and adults.

Volunteer Student Service (VSS)

NPS offers unpaid opportunities through the university's Volunteer Student Service (VSS) program which aims to provide educational experience to selected students.

Contact Us

Please [contact us](#) if you are interested in any of NPS' STEM opportunities



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